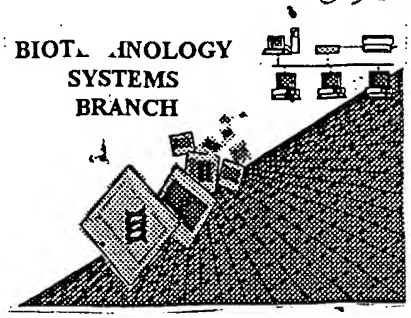
1-1-E

0360

0480



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/002,309

Source: OIPE

Date Processed by STIC: 12/12/01

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.
Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

http://www.uspto.gov/web/offices/pac/checker

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: 10/002,309

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1	Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
2	Invalid Line Length	The rules require that a line **not exceed** 72 characters in length. This includes white spaces.
3	Misaligned Amino Numbering	The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.
4	Non-ASCII	The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. **Please ensure your subsequent submission is saved in ASCII text.**
5	Variable Length	Sequence(s)____contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
6	PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**
7	Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for **each** skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.
8	Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If **intentional**, please insert the following lines for **each** skipped sequence. <210> sequence id number <400> sequence id number 000
9	Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of **n** or **Xaa**, and which residue **n** or **Xaa** represents.
10	Invalid <213> Response	Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence
11 ✓	Use of <220>	Sequence(s) 2 missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
12	PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/002,309

DATE: 12/12/2001
TIME: 14:11:21

Input Set : A:\096429-9117 Sequence Listing.txt
Output Set: N:\CRF3\12112001\I002309.raw

Does Not Comply
Corrected Diskette Needed
Error on p. 5+6

```
      3 <110> APPLICANT: Welch, Rodney A.
      4       Lathem, Wyndham W.
      6 <120> TITLE OF INVENTION: E. COLI O157:H7 C1 ESTERASE INHIBITOR-BINDING PROTEIN AND
METHODS OF USE
      8 <130> FILE REFERENCE: 096429-9117
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/002,309
     11 <141> CURRENT FILING DATE: 2001-10-26
     13 <150> PRIOR APPLICATION NUMBER: 60/243,675
     14 <151> PRIOR FILING DATE: 2000-10-26
     16 <160> NUMBER OF SEQ ID NOS: 17
     18 <170> SOFTWARE: PatentIn version 3.1
     20 <210> SEQ ID NO: 1
     21 <211> LENGTH: 2798
     22 <212> TYPE: DNA
     23 <213> ORGANISM: Unknown Organism
     25 <220> FEATURE:
     26 <221> NAME/KEY: CDS
     27 <222> LOCATION: (138)..(2798)
     28 <223> OTHER INFORMATION: Description of Unknown Organism: E. coli O157:H7 plasmid
pO157
     31 <400> SEQUENCE: 1
     32 tttacgaaac aggtgtaaat atgttataaa aataaccaac gactagtgaa taagtcgctc     60
     34 ctgaaaaaat aaaatataga aatactgtta tatccggctg catgaacact aaaatgaatg    120
     36 agagatggag aacaccg atg aaa tta aag tat ctg tca tgt acg atc ctt       170
     37                     Met Lys Leu Lys Tyr Leu Ser Cys Thr Ile Leu
     38                     1               5                   10
     40 gcc cct ctg gcg att ggg gta ttt tct gca aca gct gct gat aat aat      218
     41 Ala Pro Leu Ala Ile Gly Val Phe Ser Ala Thr Ala Ala Asp Asn Asn
     42             15                  20                  25
     44 tca gcc att tat ttc aat acc tcc cag cct ata aat gat ctg cag ggt      266
     45 Ser Ala Ile Tyr Phe Asn Thr Ser Gln Pro Ile Asn Asp Leu Gln Gly
     46         30                  35                  40
     48 tcg ttg gcc gca gag gtg aaa ttt gca caa agc cag att tta ccc gcc      314
     49 Ser Leu Ala Ala Glu Val Lys Phe Ala Gln Ser Gln Ile Leu Pro Ala
     50     45                  50                  55
     52 cat cct aaa gaa ggg gat agt caa cca cat ctg acc agc ctg cgg aaa      362
     53 His Pro Lys Glu Gly Asp Ser Gln Pro His Leu Thr Ser Leu Arg Lys
     54 60                  65                  70                  75
     56 agt ctg ctg ctt gtc cgt ccg gtg aaa gct gat gat aaa aca cct gtt      410
     57 Ser Leu Leu Leu Val Arg Pro Val Lys Ala Asp Asp Lys Thr Pro Val
     58                 80                  85                  90
     60 cag gtg gaa gcc cgc gat gat aat aat aaa att ctc ggt acg tta acc      458
     61 Gln Val Glu Ala Arg Asp Asp Asn Asn Lys Ile Leu Gly Thr Leu Thr
     62             95                  100                 105
     64 ctt tat cct cct tca tca cta ccg gat aca atc tac cat ctg gat ggt      506
     65 Leu Tyr Pro Pro Ser Ser Leu Pro Asp Thr Ile Tyr His Leu Asp Gly
     66         110                 115                 120
     68 gtt ccg gaa ggt ggt atc gat ttc aca cct cat aat gga acg aaa aag      554
```

69 Val Pro Glu Gly Gly Ile Asp Phe Thr Pro His Asn Gly Thr Lys Lys

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/002,309

DATE: 12/12/2001
TIME: 14:11:21

Input Set : A:\096429-9117 Sequence Listing.txt
Output Set: N:\CRF3\12112001\I002309.raw

```
70     125                 130                 135
72 atc att aat acg gtg gct gaa gta aac aaa ctc agt gat gcc agc ggg      602
73 Ile Ile Asn Thr Val Ala Glu Val Asn Lys Leu Ser Asp Ala Ser Gly
74 140                 145                 150                 155
76 agt tct att cat agc cat cta aca aat aat gca ctg gtg gag atc cat      650
77 Ser Ser Ile His Ser His Leu Thr Asn Asn Ala Leu Val Glu Ile His
78                 160                 165                 170
80 act gca aat ggt cgt tgg gta aga gac att tat ctg ccg cag gga ccc      698
81 Thr Ala Asn Gly Arg Trp Val Arg Asp Ile Tyr Leu Pro Gln Gly Pro
82             175                 180                 185
84 gac ctt gaa ggt aag atg gtt cgc ttt gtt tcg tct gca ggc tat agt      746
85 Asp Leu Glu Gly Lys Met Val Arg Phe Val Ser Ser Ala Gly Tyr Ser
86         190                 195                 200
88 tca acg gtt ttt tat ggt gat cga aaa gtc aca ctc tcg gtg ggt aac      794
89 Ser Thr Val Phe Tyr Gly Asp Arg Lys Val Thr Leu Ser Val Gly Asn
90     205                 210                 215
92 act ctt ctg ttc aaa tat gta aat ggt cag tgg ttc cgc tcc ggt gaa      842
93 Thr Leu Leu Phe Lys Tyr Val Asn Gly Gln Trp Phe Arg Ser Gly Glu
94 220                 225                 230                 235
96 ctg gag aat aat cga atc act tat gct cag cat att tgg agt gct gaa      890
97 Leu Glu Asn Asn Arg Ile Thr Tyr Ala Gln His Ile Trp Ser Ala Glu
98                 240                 245                 250
100 ctg cct gcg cac tgg atc gtg cct ggt tta aac ttg gtg att aaa cag      938
101 Leu Pro Ala His Trp Ile Val Pro Gly Leu Asn Leu Val Ile Lys Gln
102             255                 260                 265
104 ggc aat ctg agc ggt cgc cta aat gat atc aag att gga gca ccg ggt      986
105 Gly Asn Leu Ser Gly Arg Leu Asn Asp Ile Lys Ile Gly Ala Pro Gly
106         270                 275                 280
108 gag ctg ttg ttg cat aca att gat atc ggg atg ttg acc act ccc cgg     1034
109 Glu Leu Leu Leu His Thr Ile Asp Ile Gly Met Leu Thr Thr Pro Arg
110     285                 290                 295
112 gat cgc ttt gat ttt gcc aaa gac aaa gaa gca cat agg gaa tat ttc     1082
113 Asp Arg Phe Asp Phe Ala Lys Asp Lys Glu Ala His Arg Glu Tyr Phe
114 300                 305                 310                 315
116 cag acc att cct gta agt cgt atg att gtt aat aat tat gcg cct cta     1130
117 Gln Thr Ile Pro Val Ser Arg Met Ile Val Asn Asn Tyr Ala Pro Leu
118                 320                 325                 330
120 cac cta aag gaa gtt atg tta cca acc gga gag tta ttg aca gat atg     1178
121 His Leu Lys Glu Val Met Leu Pro Thr Gly Glu Leu Leu Thr Asp Met
122             335                 340                 345
124 gat cca gga aat ggt ggg tgg cat agt ggt aca atg cgt caa aga ata     1226
125 Asp Pro Gly Asn Gly Gly Trp His Ser Gly Thr Met Arg Gln Arg Ile
126         350                 355                 360
128 ggt aaa gaa ttg gtt tcg cat ggc att gat aat gct aac tat ggt tta     1274
129 Gly Lys Glu Leu Val Ser His Gly Ile Asp Asn Ala Asn Tyr Gly Leu
130     365                 370                 375
132 aat agt acc gca ggc tta ggg gag aat agt cat cca tat gta gtt gcg     1322
133 Asn Ser Thr Ala Gly Leu Gly Glu Asn Ser His Pro Tyr Val Val Ala
134 380                 385                 390                 395
```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/002,309

DATE: 12/12/2001
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Input Set : A:\096429-9117 Sequence Listing.txt
Output Set: N:\CRF3\12112001\I002309.raw

```
136 caa tta gcg gca cat aat agc cgc ggt aat tat gct aat ggc atc cag     1370
137 Gln Leu Ala Ala His Asn Ser Arg Gly Asn Tyr Ala Asn Gly Ile Gln
138                 400                 405                 410
140 gtt cat ggt ggc tcc gga ggt ggg gga att gtt act tta gat tcc aca     1418
141 Val His Gly Gly Ser Gly Gly Gly Gly Ile Val Thr Leu Asp Ser Thr
142             415                 420                 425
144 ttg ggg aat gag ttc agt cat gaa gtt ggt cat aat tat ggt ctt ggt     1466
145 Leu Gly Asn Glu Phe Ser His Glu Val Gly His Asn Tyr Gly Leu Gly
146         430                 435                 440
148 cat tat gta gat ggt ttc aag ggt tct gta cat cgt agt gca gaa aat     1514
149 His Tyr Val Asp Gly Phe Lys Gly Ser Val His Arg Ser Ala Glu Asn
150     445                 450                 455
152 aac aac tca act tgg gga tgg gat ggt gat aaa aaa cgg ttt att cct     1562
153 Asn Asn Ser Thr Trp Gly Trp Asp Gly Asp Lys Lys Arg Phe Ile Pro
154 460                 465                 470                 475
156 aac ttt tat ccg tct caa aca aat gaa aag agt tgt ctg aat aat cag     1610
157 Asn Phe Tyr Pro Ser Gln Thr Asn Glu Lys Ser Cys Leu Asn Asn Gln
158                 480                 485                 490
160 tgt caa gaa ccg ttt gat gga cac aaa ttt ggt ttt gac gcc atg gcg     1658
161 Cys Gln Glu Pro Phe Asp Gly His Lys Phe Gly Phe Asp Ala Met Ala
162             495                 500                 505
164 gga ggc agc cct ttc tct gct gca aac cgt ttc aca atg tat act ccg     1706
165 Gly Gly Ser Pro Phe Ser Ala Ala Asn Arg Phe Thr Met Tyr Thr Pro
166         510                 515                 520
168 aat tca tcg gct atc atc cag cgt ttt ttt gaa aat aaa gct gtg ttc     1754
169 Asn Ser Ser Ala Ile Ile Gln Arg Phe Phe Glu Asn Lys Ala Val Phe
170     525                 530                 535
172 gat agc cgt tcc tcc acc ggc ttc agc aag tgg aat gca gat acg cag     1802
173 Asp Ser Arg Ser Ser Thr Gly Phe Ser Lys Trp Asn Ala Asp Thr Gln
174 540                 545                 550                 555
176 gaa atg gaa ccg tat gaa cac acc att gac cgt gcg gag cag att acg     1850
177 Glu Met Glu Pro Tyr Glu His Thr Ile Asp Arg Ala Glu Gln Ile Thr
178                 560                 565                 570
180 gct tca gtc aat gag cta agt gaa agc aaa atg gct gag ctg atg gca     1898
181 Ala Ser Val Asn Glu Leu Ser Glu Ser Lys Met Ala Glu Leu Met Ala
182             575                 580                 585
184 gag tac gct gtc gtc aaa gtg cat atg tgg aac ggt aac tgg aca aga     1946
185 Glu Tyr Ala Val Val Lys Val His Met Trp Asn Gly Asn Trp Thr Arg
186         590                 595                 600
188 aac atc tat atc cct aca gcc tcc gca gat aat aga ggc agt atc ctg     1994
189 Asn Ile Tyr Ile Pro Thr Ala Ser Ala Asp Asn Arg Gly Ser Ile Leu
190     605                 610                 615
192 acc atc aac cat gag gcc ggt tat aat agt tat ctg ttt ata aat ggt     2042
193 Thr Ile Asn His Glu Ala Gly Tyr Asn Ser Tyr Leu Phe Ile Asn Gly
194 620                 625                 630                 635
196 gac gaa aag gtc gtt tcc cag ggg tat aaa aag agc ttt gtt tcc gat     2090
197 Asp Glu Lys Val Val Ser Gln Gly Tyr Lys Lys Ser Phe Val Ser Asp
198                 640                 645                 650
200 ggt cag ttc tgg aaa gaa cgt gat gtg gtt gat act cgt gaa gcg cgt     2138
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RAW SEQUENCE LISTING DATE: 12/12/2001
PATENT APPLICATION: US/10/002,309 TIME: 14:11:21

Input Set : A:\096429-9117 Sequence Listing.txt
Output Set: N:\CRF3\12112001\I002309.raw

```
201 Gly Gln Phe Trp Lys Glu Arg Asp Val Val Asp Thr Arg Glu Ala Arg
202             655                 660                 665
204 aag cca gag cag ttt ggt gtt cct gtg acg acc ctg gtg ggg tat tac     2186
205 Lys Pro Glu Gln Phe Gly Val Pro Val Thr Thr Leu Val Gly Tyr Tyr
206         670                 675                 680
208 gat ccg gaa ggc acg ctg tca agc tac atc tat cct gcg atg tat ggt     2234
209 Asp Pro Glu Gly Thr Leu Ser Ser Tyr Ile Tyr Pro Ala Met Tyr Gly
210     685                 690                 695
212 gcc tat ggc ttc act tat tcc gat gat agt cag aat cta tcc gat aac     2282
213 Ala Tyr Gly Phe Thr Tyr Ser Asp Asp Ser Gln Asn Leu Ser Asp Asn
214 700                 705                 710                 715
216 gac tgc cag ctg cag gtg gat acg aaa gaa ggg cag ttg cga ttc aga     2330
217 Asp Cys Gln Leu Gln Val Asp Thr Lys Glu Gly Gln Leu Arg Phe Arg
218                 720                 725                 730
220 ctg gct aat cac cgg gct aac aac act gta atg aat aag ttc cat att     2378
221 Leu Ala Asn His Arg Ala Asn Asn Thr Val Met Asn Lys Phe His Ile
222             735                 740                 745
224 aac gtg cca aca gaa agt cag ccc aca cag gcc aca ttg gtt tgc aat     2426
225 Asn Val Pro Thr Glu Ser Gln Pro Thr Gln Ala Thr Leu Val Cys Asn
226         750                 755                 760
228 aac aag ata ctg gat acc aaa tcg ctc aca cct gcg cca gaa gga ctt     2474
229 Asn Lys Ile Leu Asp Thr Lys Ser Leu Thr Pro Ala Pro Glu Gly Leu
230     765                 770                 775
232 acc tat act gta aat ggg cag gca ctt cca gca aaa gaa aac gag gga     2522
233 Thr Tyr Thr Val Asn Gly Gln Ala Leu Pro Ala Lys Glu Asn Glu Gly
234 780                 785                 790                 795
236 tgc atc gtg tcc gtg aat tca ggt aaa cgt tac tgt ttg ccg gtt ggt     2570
237 Cys Ile Val Ser Val Asn Ser Gly Lys Arg Tyr Cys Leu Pro Val Gly
238                 800                 805                 810
240 caa cgg tca gga tat agc ctt cct gac tgg att gtt ggg cag gaa gtc     2618
241 Gln Arg Ser Gly Tyr Ser Leu Pro Asp Trp Ile Val Gly Gln Glu Val
242             815                 820                 825
244 tat gtc gac agc ggg gct aaa gcg aaa gtg ctg ctt tct gac tgg gat     2666
245 Tyr Val Asp Ser Gly Ala Lys Ala Lys Val Leu Leu Ser Asp Trp Asp
246         830                 835                 840
248 aac ctg tcc tat aac agg att ggt gag ttt gta ggt aat gtg aac cca     2714
249 Asn Leu Ser Tyr Asn Arg Ile Gly Glu Phe Val Gly Asn Val Asn Pro
250     845                 850                 855
252 gct gat atg aaa aaa gtt aaa gcc tgg aac gga cag tat ttg gac ttc     2762
253 Ala Asp Met Lys Lys Val Lys Ala Trp Asn Gly Gln Tyr Leu Asp Phe
254 860                 865                 870                 875
256 agt aaa cct agg tca atg agg gtt gta tat aaa taa                     2798
257 Ser Lys Pro Arg Ser Met Arg Val Val Tyr Lys
258                 880                 885
261 <210> SEQ ID NO: 2
262 <211> LENGTH: 886
263 <212> TYPE: PRT
264 <213> ORGANISM: Unknown Organism
W--> 266 <220> FEATURE:
```

must give genetic source for "Unknown". See error summary sheet, item 11

RAW SEQUENCE LISTING DATE: 12/12/2001
PATENT APPLICATION: US/10/002,309 TIME: 14:11:21

Input Set : A:\096429-9117 Sequence Listing.txt
Output Set: N:\CRF3\12112001\I002309.raw

W--> 266 <223> OTHER INFORMATION: →see p. 5
266 <400> SEQUENCE: 2
268 Met Lys Leu Lys Tyr Leu Ser Cys Thr Ile Leu Ala Pro Leu Ala Ile
269 1 5 10 15
272 Gly Val Phe Ser Ala Thr Ala Ala Asp Asn Asn Ser Ala Ile Tyr Phe
273 20 25 30
276 Asn Thr Ser Gln Pro Ile Asn Asp Leu Gln Gly Ser Leu Ala Ala Glu
277 35 40 45
280 Val Lys Phe Ala Gln Ser Gln Ile Leu Pro Ala His Pro Lys Glu Gly
281 50 55 60
284 Asp Ser Gln Pro His Leu Thr Ser Leu Arg Lys Ser Leu Leu Leu Val
285 65 70 75 80
288 Arg Pro Val Lys Ala Asp Asp Lys Thr Pro Val Gln Val Glu Ala Arg
289 85 90 95
292 Asp Asp Asn Asn Lys Ile Leu Gly Thr Leu Thr Leu Tyr Pro Pro Ser
293 100 105 110
296 Ser Leu Pro Asp Thr Ile Tyr His Leu Asp Gly Val Pro Glu Gly Gly
297 115 120 125
300 Ile Asp Phe Thr Pro His Asn Gly Thr Lys Lys Ile Ile Asn Thr Val
301 130 135 140
304 Ala Glu Val Asn Lys Leu Ser Asp Ala Ser Gly Ser Ser Ile His Ser
305 145 150 155 160
308 His Leu Thr Asn Asn Ala Leu Val Glu Ile His Thr Ala Asn Gly Arg
309 165 170 175
312 Trp Val Arg Asp Ile Tyr Leu Pro Gln Gly Pro Asp Leu Glu Gly Lys
313 180 185 190
316 Met Val Arg Phe Val Ser Ser Ala Gly Tyr Ser Ser Thr Val Phe Tyr
317 195 200 205
320 Gly Asp Arg Lys Val Thr Leu Ser Val Gly Asn Thr Leu Leu Phe Lys
321 210 215 220
324 Tyr Val Asn Gly Gln Trp Phe Arg Ser Gly Glu Leu Glu Asn Asn Arg
325 225 230 235 240
328 Ile Thr Tyr Ala Gln His Ile Trp Ser Ala Glu Leu Pro Ala His Trp
329 245 250 255
332 Ile Val Pro Gly Leu Asn Leu Val Ile Lys Gln Gly Asn Leu Ser Gly
333 260 265 270
336 Arg Leu Asn Asp Ile Lys Ile Gly Ala Pro Gly Glu Leu Leu Leu His
337 275 280 285
340 Thr Ile Asp Ile Gly Met Leu Thr Thr Pro Arg Asp Arg Phe Asp Phe
341 290 295 300
344 Ala Lys Asp Lys Glu Ala His Arg Glu Tyr Phe Gln Thr Ile Pro Val
345 305 310 315 320
348 Ser Arg Met Ile Val Asn Asn Tyr Ala Pro Leu His Leu Lys Glu Val
349 325 330 335
352 Met Leu Pro Thr Gly Glu Leu Leu Thr Asp Met Asp Pro Gly Asn Gly
353 340 345 350
356 Gly Trp His Ser Gly Thr Met Arg Gln Arg Ile Gly Lys Glu Leu Val
357 355 360 365
360 Ser His Gly Ile Asp Asn Ala Asn Tyr Gly Leu Asn Ser Thr Ala Gly

VERIFICATION SUMMARY DATE: 12/12/2001
PATENT APPLICATION: **US/10/002,309** TIME: 14:11:22

Input Set : **A:\096429-9117 Sequence Listing.txt**
Output Set: **N:\CRF3\12112001\I002309.raw**

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:266 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:266 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION: